

# STN Columbus

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
 NEWS 2 "Ask CAS" for self-help around the clock  
 NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the  
 present  
 NEWS 4 DEC 08 INPADOC: Legal Status data reloaded  
 NEWS 5 SEP 29 DISSABS now available on STN  
 NEWS 6 OCT 10 PCTFULL: Two new display fields added  
 NEWS 7 OCT 21 BIOSIS file reloaded and enhanced  
 NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
 NEWS 9 NOV 24 MSDS-CCOHS file reloaded  
 NEWS 10 DEC 08 CABA reloaded with left truncation  
 NEWS 11 DEC 08 IMS file names changed  
 NEWS 12 DEC 09 Experimental property data collected by CAS now available  
 in REGISTRY  
 NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS  
 NEWS 14 DEC 17 DGENE: Two new display fields added  
 NEWS 15 DEC 18 BIOTECHNO no longer updated  
 NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer  
 available  
 NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS  
 databases  
 NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields  
 NEWS 19 DEC 22 ABI-INFORM now available on STN  
 NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated  
 and searchable  
 NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in  
 CA/CAPLUS  
 NEWS 22 FEB 05 German (DE) application and patent publication number format  
 changes

NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT  
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
 AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
 specific topic.

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FILE 'HOME' ENTERED AT 12:51:38 ON 23 FEB 2004

=> file encomptat2

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.47

1.47

## STN Columbus

FILE 'ENCOMPAT2' ENTERED AT 12:55:43 ON 23 FEB 2004  
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FILE COVERS 1964 TO 20 Feb 2004 (20040220/ED)

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The Indexing Template (TD) field is available for some records starting with 940901/ED. Enter HELP TEMPLATE at an arrow prompt (=>) for information on how to use this field.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s (catalyst (1) (rhenium or manganese) (1) (cobalt or nickel) (1) (phosphorus or boron) (1) (a
106153 CATALYST/LT
3208 RHENIUM/LT
12032 MANGANESE/LT
19067 COBALT/LT
23731 NICKEL/LT
18298 PHOSPHORUS/LT
12236 BORON/LT
30239 ALUMINUM OXIDE/LT
L1      292 (CATALYST (L) (RHENIUM OR MANGANESE) (L) (COBALT OR NICKEL) (L)
(PHOSPHORUS OR BORON) (L) (ALUMINUM OXIDE))/LT
```

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=> s (catalyst (1) (rhenium or manganese) (1) (cobalt or nickel) (1) (phosphorus or boron) (1) (m
106153 CATALYST/LT
3208 RHENIUM/LT
12032 MANGANESE/LT
19067 COBALT/LT
23731 NICKEL/LT
18298 PHOSPHORUS/LT
12236 BORON/LT
17287 MOLYBDENUM/LT
9795 TUNGSTEN/LT
30239 ALUMINUM OXIDE/LT
L2      225 (CATALYST (L) (RHENIUM OR MANGANESE) (L) (COBALT OR NICKEL) (L)
(PHOSPHORUS OR BORON) (L) (MOLYBDENUM OR TUNGSTEN) (L) (ALUMINUM
OXIDE))/LT
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=> s hydrotreating/ct
L3      9722 HYDROTREATING/CT
```

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=> s 12 and 13

L4 12 L2 AND L3

=> d 1-12

L4 ANSWER 1 OF 12 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 2003:4201 ENCOMPPAT;ENCOMPPAT2  
 DN P200304313  
 TI Treatment of catalyst for the selective hydrogenation of a sulfur-containing olefinic gasoline, involves contact with sulfiding agent and hydrogen under conditions to produce activated catalyst  
 IN CHANG Y; DAUTZENBERG F M; MURRELL L L; VAN BUIJTENEN J  
 PA ABB LUMMUS GLOBAL INC  
 PI WO 2002083303 20021024  
 DS AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZM; ZW; AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZM; ZW  
 AI WO 2002-US12119 20020416  
 PRAI US 2001-836577 20010416  
 OS DERWENT 2003058617  
 LA English

L4 ANSWER 2 OF 12 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 2001:2641 ENCOMPPAT;ENCOMPPAT2  
 DN P200103818  
 TI Straight-run gasoline fraction catalytic reforming  
 IN FEDOROVA M L; SHAKUN A N  
 PA KATALIZATOR RES INTRODUCTION FIRM CO LTD  
 PI RU 2157827 20001020  
 AI RU 1998-122917 19981217  
 PRAI RU 1998-122917 19981217  
 OS DERWENT 2001089528

L4 ANSWER 3 OF 12 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 1998:6944 ENCOMPPAT;ENCOMPPAT2  
 DN 9811466  
 TI Catalyst with an element of group VIIB for hydrotreating - contains a matrix, a metal from group VIIB, an element from phosphorous, boron, or silicon and a hydro-dehydrogenating metal chosen from molybdenum and tungsten  
 IN KASZTELAN S; MIGNARD S; QUARTARARO J  
 PA INST FRANCAIS DU PETROLE  
 PI WO 9819791 19980514  
 DS JP; KR; MX; US; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE  
 AI WO 1997-FR2005 19971107  
 PRAI FR 1996-13573 19961107  
 OS DERWENT 98286667  
 LA French

L4 ANSWER 4 OF 12 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

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INFORMATION INC. on STN  
 AN 96:1794 ENCOMPAT;ENCOMPAT2  
 DN 9650854  
 TI Mixed four carbon olefinic stream prodn. - by subjecting mixed olefin feedstock to metathesis in presence of catalyst and fractionating to recover mixed stream and propylene  
 IN KELLY J  
 PA BP CHEM LTD  
 PI EP 691318 960110  
 DS BE; DE; FR; GB; NL  
 AI EP 1995-304451 950622  
 PRAI GB 1994-13783 940708  
 OS DERWENT 96059668  
 LA English

L4 ANSWER 5 OF 12 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 95:4514 ENCOMPAT;ENCOMPAT2  
 DN 9511177  
 TI Hydroprocessing catalyst comprising gp. VIB and VIII metal cpds. - on a porous refractory oxide support contg. an underbedded phosphorus component  
 IN SIMPSON H D  
 PA UNION OIL CO CALIFORNIA  
 PI US 5403806 950404  
 AI US 1993-141277 931022  
 PRAI US 1993-141277 931022  
 OS DERWENT 95146830

L4 ANSWER 6 OF 12 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 93:8639 ENCOMPAT;ENCOMPAT2  
 DN 9312250  
 TI Gallium phosphate based catalysts used in hydro-refining processes - contains at least one matrix, a microporous crystallised gallium phosphate cpd., a zeolite a gp-VI or gp-VIII metal and one of phosphorus, silicon, bismuth or fluorine  
 IN GUTH J; KASZTELAN S; KESSLER H; MIGNARD S  
 PA INST FRANCAIS DU PETROLE  
 PI EP 556108 930818  
 DS BE; DE; ES; GB; IT; NL  
 AI EP 1993-400310 930208  
 PRAI FR 1992-1662 920212  
 OS DERWENT 93260348  
 LA French

L4 ANSWER 7 OF 12 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 91:7000 ENCOMPAT;ENCOMPAT2  
 DN 9112273  
 TI Catalyst compsn. - comprises gallio-silicate molecular sieve having zeolite L structure, useful for conversion of hydrocarbon(s)  
 PA Union Oil Co California  
 PI US 5035868 910730  
 PRAI US 1989-458351 891228  
 OS DERWENT 91245420

L4 ANSWER 8 OF 12 ENCOMPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN

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AN 86:2162 ENCOMPPAT;ENCOMPPAT2  
 DN 8611823W  
 TI DEWAXING PROCESS USING CATALYST CONTG. NON ZEOLITIC MOLECULAR SIEVE - AND  
 OPT. HYDROGENATION COMPONENT, ACTIVE ALUMINOSILICATE ZEOLITE, AND  
 INORGANIC OXIDE MATRIX  
 PA UNION CARBIDE CORP  
 PI WO 8603770  
 DS AU; JP  
 PRAI US 1984-682942 841218  
 OS DERWENT 86182904

L4 ANSWER 9 OF 12 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 86:1741 ENCOMPPAT;ENCOMPPAT2  
 DN 8611380  
 TI HYDROCRACKING CATALYST FOR MIDDLE DISTILLATE PRODN. - INCLUDING BRIDGED  
 SMECTITE CLAY AND STABILISED ZEOLITE-Y GIVES INCREASED ACTIVITY AND  
 SELECTIVITY  
 PA INSTITUT FRANCAIS DU PETROLE DES CAR  
 PI EP 180513  
 DS DE; GB; IT; NL  
 PRAI FR 1984-16256 841024  
 OS DERWENT 86120633

L4 ANSWER 10 OF 12 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 86:844 ENCOMPPAT;ENCOMPPAT2  
 DN 8610428  
 TI HYDROCRACKING CATALYST GIVING INCREASED CONVERSION OF HEAVY FEEDSTOCKS -  
 AND INCREASED SELECTIVITY TO MIDDLE DISTILLATE COMPRISES OXIDE MATRIX,  
 STABILISED ZEOLITE Y AND METALS OF GP/VIII AND OPT. GP/VI  
 PA PRO-CATALYSE  
 PI FR 2563445 851031  
 PRAI FR 1984-6766 840426  
 OS DERWENT 85312316

L4 ANSWER 11 OF 12 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 81:1760 ENCOMPPAT;ENCOMPPAT2  
 DN 8112034  
 TI HYDROTREATING CATALYSTS BASED ON MAGNESIUM SILICATE CLAY - COMPOSITED WITH  
 PSEUDOBUEHMITE AND IMPREGNATED WITH CATALYTIC METAL  
 PA CHYODA CHEM ENG CO  
 PI GB 2063699 810610  
 PRAI JP 1979-153132 791127  
 OS DERWENT 8142562D

L4 ANSWER 12 OF 12 ENCOMPPAT2 COPYRIGHT 2004 ELSEVIER ENGINEERING

## Full Text

INFORMATION INC. on STN  
 AN 74:202 ENCOMPPAT;ENCOMPPAT2  
 DN 7410411  
 TI CATALYSTS FOR HYDROCARBON CONVERSION  
 PA CHEVRON RESEARCH CO  
 PI DE 2226854 731220  
 PRAI DE 1972-2226854 720602  
 OS DERWENT 7400180V